



STATEMENT OF ENERGY DESIGN INTENT

June 13, 2005

FACILITY INFORMATION

Facility Name and Location

Prototype School

Richmond, VA - United States 23219

Building _____

Owner/Company _____

Address _____

Facility Characteristics

K-12 School 148,000 Sq. Ft.

Total Gross Floor Area 148,000 Sq. Ft.

Contact Name _____

Phone _____

Email _____

Design Energy (kBtu)¹

Electricity 3,825,944 Natural Gas 569,800

DESIGN ENERGY PERFORMANCE RESULTS

Energy

Energy Performance Score

Site Energy Use Intensity (kBtu/sf/yr)

Total Annual Energy (kBtu)

Total Energy Cost (\$)

Pollution Emissions (1000 lbs/yr)

CO₂

DESIGN

88

29.7

4,395,744

\$ 78,187

2,451

ENERGY STAR

75

37.9

5,609,906

\$ 99,784

3,092

PROFESSIONAL VERIFICATION

Licensed Architect/Engineer

Prepared By _____

Firm Name _____

Address _____

Phone _____

Email _____

Architect of Record (if different from above)

Name _____

Firm Name _____

Phone _____

Email _____

Professional Stamp

Signature & Date

The facility was designed and specified to meet the Design Energy performance calculations shown on this Statement of Energy Design Intent.

¹ Target Finder uses data from "actual" performing buildings, therefore all energy use including plug, process, and all non-regulated loads, fuel sources and equipment specified in design must be included. An incomplete design energy use profile could result in a high but inaccurate rating.



STATEMENT OF ENERGY DESIGN INTENT

June 13, 2005

Facility Name and Location

Prototype School

Richmond, VA - United States 23219

Facility Characteristics (Detail)

K-12 School

Gross Floor Area	Number of Students	Number of PCs	Operating Hours/Week	Cooking Facility	% Air-Conditioned	% Heated	Months Ventilated	
148000 Sq. Ft.	950	450	60 Hours	Yes	100	100	12	Yes

Additional Information
